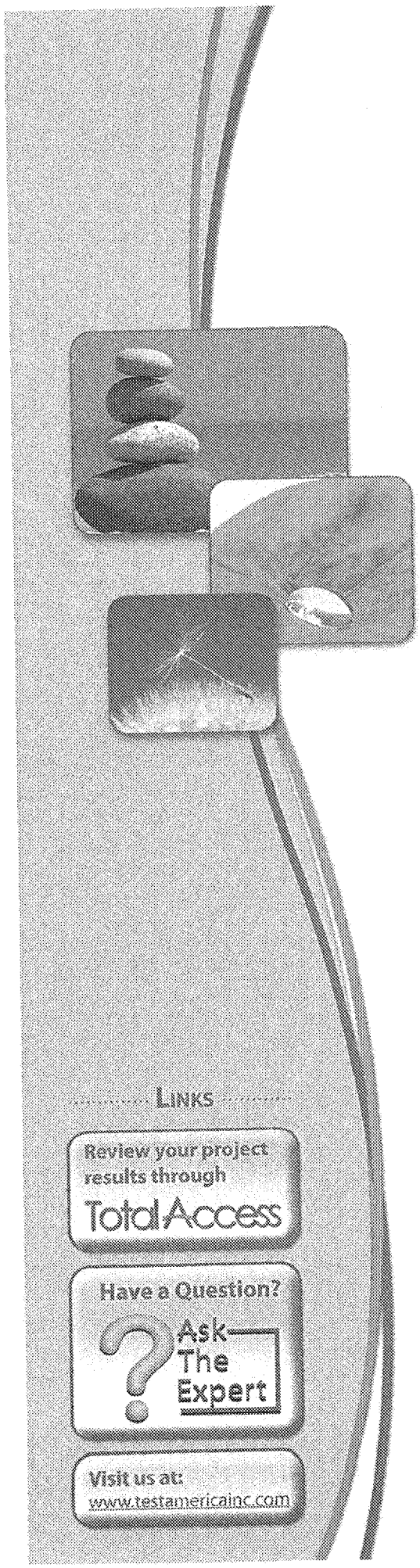

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Phoenix
4625 East Cotton Ctr Blvd
Suite 189
Phoenix, AZ 85040
Tel: (602)437-3340

TestAmerica Job ID: 550-104057-1
Client Project/Site: First Mesa Consolidated Villages (50431)

For:
Mohave Environmental Laboratory
2580 Landon Dr
Suite A
Bullhead City, Arizona 86429

Attn: Sheila Poff

Authorized for release by:
6/27/2018 9:15:31 AM

Mary Hamilton, Project Manager I
(602)437-3340
mary.hamilton@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 550-104057-1

Laboratory: TestAmerica Phoenix

Narrative

Job Narrative
550-104057-1

Comments
No additional comments.

Receipt
The sample was received on 6/7/2018 9:15 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.2° C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Mohave Environmental Laboratory
Project/Site: First Mesa Consolidated Villages (50431)

TestAmerica Job ID: 550-104057-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
550-104057-1	EP002-East Well #8/090400106 (50431-01)	Drinking Water	06/05/18 08:12	06/07/18 09:15

Detection Summary

Client: Mohave Environmental Laboratory
Project/Site: First Mesa Consolidated Villages (50431)

TestAmerica Job ID: 550-104057-1

Client Sample ID: EP002-East Well #8/090400106 (50431-01) Lab Sample ID: 550-104057-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.036		0.0010	mg/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Mohave Environmental Laboratory
Project/Site: First Mesa Consolidated Villages (50431)

TestAmerica Job ID: 550-104057-1

Client Sample ID: EP002-East Well #8/090400106 (50431-01)
Date Collected: 06/05/18 08:12
Date Received: 06/07/18 09:15

Lab Sample ID: 550-104057-1
Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.036		0.0010	mg/L		06/21/18 05:33	06/22/18 19:17	1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 550-150026/1-A
Matrix: Water
Analysis Batch: 150226

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 150026

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010	mg/L		06/21/18 05:33	06/22/18 18:56	1

Lab Sample ID: LCS 550-150026/3-A
Matrix: Water
Analysis Batch: 150226

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 150026

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.101		mg/L		101	85 - 115

Lab Sample ID: LCSD 550-150026/4-A
Matrix: Water
Analysis Batch: 150226

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 150026

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.100	0.101		mg/L		101	85 - 115	0	20

Lab Sample ID: 550-104056-A-1-C MS
Matrix: Water
Analysis Batch: 150226

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 150026

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.017		0.100	0.119		mg/L		102	70 - 130

Lab Sample ID: 550-104056-A-1-D MSD
Matrix: Water
Analysis Batch: 150226

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 150026

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.017		0.100	0.120		mg/L		102	70 - 130	0	20

QC Association Summary

Client: Mohave Environmental Laboratory
Project/Site: First Mesa Consolidated Villages (50431)

TestAmerica Job ID: 550-104057-1

Metals

Prep Batch: 150026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-104057-1	EP002-East Well #8/090400106 (50431-01)	Total/NA	Drinking Water	200.8	
MB 550-150026/1-A	Method Blank	Total/NA	Water	200.8	
LCS 550-150026/3-A	Lab Control Sample	Total/NA	Water	200.8	
LCSD 550-150026/4-A	Lab Control Sample Dup	Total/NA	Water	200.8	
550-104056-A-1-C MS	Matrix Spike	Total/NA	Water	200.8	
550-104056-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	200.8	

Analysis Batch: 150226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-104057-1	EP002-East Well #8/090400106 (50431-01)	Total/NA	Drinking Water	200.8	150026
MB 550-150026/1-A	Method Blank	Total/NA	Water	200.8	150026
LCS 550-150026/3-A	Lab Control Sample	Total/NA	Water	200.8	150026
LCSD 550-150026/4-A	Lab Control Sample Dup	Total/NA	Water	200.8	150026
550-104056-A-1-C MS	Matrix Spike	Total/NA	Water	200.8	150026
550-104056-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	200.8	150026

Lab Chronicle

Client: Mohave Environmental Laboratory
Project/Site: First Mesa Consolidated Villages (50431)

TestAmerica Job ID: 550-104057-1

Client Sample ID: EP002-East Well #8/090400106 (50431-01)
Date Collected: 06/05/18 08:12
Date Received: 06/07/18 09:15

Lab Sample ID: 550-104057-1
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			150026	06/21/18 05:33	SGO	TAL PHX
Total/NA	Analysis	200.8		1	150226	06/22/18 19:17	TEK	TAL PHX

Laboratory References:

TAL PHX = TestAmerica Phoenix, 4625 East Cotton Ctr Blvd, Suite 189, Phoenix, AZ 85040, TEL (602)437-3340

Accreditation/Certification Summary

Client: Mohave Environmental Laboratory
Project/Site: First Mesa Consolidated Villages (50431)

TestAmerica Job ID: 550-104057-1

Laboratory: TestAmerica Phoenix

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Arizona	State Program	9	AZ0728	06-09-19

Analysis Method	Prep Method	Matrix	Analyte

Authority	Program	EPA Region	Identification Number	Expiration Date
Nevada	State Program	9	AZ01030	07-31-18 *

Analysis Method	Prep Method	Matrix	Analyte

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Mohave Environmental Laboratory
Project/Site: First Mesa Consolidated Villages (50431)

TestAmerica Job ID: 550-104057-1

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	TAL PHX
200.8	Preparation, Total Metals	EPA	TAL PHX

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL PHX = TestAmerica Phoenix, 4625 East Cotton Ctr Blvd, Suite 189, Phoenix, AZ 85040, TEL (602)437-3340

104057

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue, Suite 100, Irvine CA 92614-5817 (949) 261-1022 / FAX (949) 260-3297
4625 E. Cotton Center Blvd., Suite 189, Phoenix, AZ 85040 (602) 437-3340 / FAX (602) 659-7622

CHAIN OF CUSTODY FORM

Page ___1___ of ___1___

Client Name/Address:	Project Number:	Analysis Required
Mohave Environmental Laboratory **2580 Landon Dr, Suite A** **Bullhead City, AZ 86429**	**First Mesa Consolidated Villages** PO#:	
Project Manager: **Sheila Poff**	Phone Number: (928) 754-8101 Email: sheila@mohavelabs.com	
Sampler: A. Sakeva	Fax Number: (928) 754-8103	

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservation	As 200.8	Special Instructions
EP002-East Well #8/0904001O6	dw	p	1	6/5/18 8:12 AM	hno3	x	50431-01
EPA no DWAR needed							

550-104057 Chain of Custody

Relinquished By: MEL via fed ex-test S Poff	Date/Time: 6/6/18 2:30 PM	Received by:	Date/Time:	Turnaround Time: (Check) Same Day ____ 72 Hours ____	
Relinquished By:	Date/Time:	Received by:	Date/Time:	24 Hours ____ 5 Days ____ 48 Hours ____ Normal ____	
Relinquished By:	Date/Time:	Received in Lab by:	Date/Time: 6-7-18 0913	Sample Integrity: (Check) Intact ____ On Ice ____	

Note By relinquishing samples to Test America, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

ATH 2.2°C

6/27/2018

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ED_005149_00040617-00013

Login Sample Receipt Checklist

Client: Mohave Environmental Laboratory

Job Number: 550-104057-1

Login Number: 104057
List Number: 1
Creator: Maycock, Lisa

List Source: TestAmerica Phoenix

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	False	Check done at department level as required.